

Field Observation Report

FIELD OBSERVATION REPORT #:

OBSERVATION DATE/TIME: December 3, 2021 10:30 AM

REPORT DATE: December 10, 2021

PROJECT: 4600 Silver Hill Rd Parking Garage

WALTER P MOORE PROJECT NO. D01.20007.00

WEATHER: Cloudy / Temperature 45°F

PRESENT AT SITE: Nouha Javed Walter P Moore (WPM)

Terra Site

DISTRIBUTION LIST: Nouha Javed WPM

Chris Pinto WPM

Matt Heringer WPM

(b) (6) Terra Site

Terra Site

Andre Thomas GSA

b) (6) Davidson Brown

Cinnovas

On the date indicated a representative of Walter P Moore visited the referenced site to observe progress of work.

Progress of Work

- All expansion joints in the north garage had been modified by Terra Site. Further modifications were being completed at the roof level during our site visit.
- Expansion joints in the south garage had been modified by Terra Site as specified
- Expansion joints in the middle garage had been modified by Terra Site as specified

Observations/Comments

O3-1. The widths of elastomeric concrete headers at the existing expansion joint block-outs were observed to be inconsistent in the North, South and Middle garages. At these locations, the header edges were not flush with the concrete slab edge below as needed for joint installation (Photo O3-1 and Photo O3-2). WPM noted the approximate quantities required for the repair of the joint headers (see EX-1 attached).

Action: Contractor to restore elastomeric concrete header edge to the floor surface as required.

03-2. WPM observed isolated locations of concrete slab spalling at Level 2 (gridlines A-B) and Level 1 (gridlines C-D) of the North garage (Photo 03-3). Additionally, concrete slab cracking was observed at Level 2 (gridlines C-D) of the North garage (Photo 03-4).

Action: Contractor to sound locations of concrete distress for extents of slab delamination. Remove deaminated concrete and repair with an appropriate cementitious material.



03-1 Tapered edge of the elastomeric concrete header at the roof level of the North garage



03-2 Modified elastomeric concrete headers at Level 2 of the North garage

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03-3 Isolated location of concrete slab spalling at Level 1 of the North garage



03-4 Isolated location of concrete slab cracking at Level 2 of the North garage

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North Garage		As of 12/06/2021						
Level	Gridlines	Required Joint Type	Required Modified Joint Width	Modification Complete?	Joint Width After Saw Cut	WPM Notes	Elastomeric Concrete Repair Quantity* (SF)	Epoxy Repair Quantity** (LF)
Roof	A-B	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	6.67	20
Roof	B-C	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	10.00	0
Roof	C-D	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	10.00	0
Level 4	A-B	4.0" Precompressed to 3.5"	3.5"	Yes	3.5"	Cut completed but did not need to be cut if new joints are being procured.	2.92	15
Level 4	B-C	4.0" Precompressed to 3.75"	3.8125"	Yes	3.8"	Required Modifications appear to be Completed	0.00	10
Level 4	C-D	4.0" Precompressed to 3.75"	3.8125"	Yes	4.0"	Cut completed but did not need to be cut if new joints are being procured.	0.83	0
Level 3	A-B	4.0" Precompressed to 3.75"	4.0"	Yes	4.0"	Required Modifications appear to be Completed	0.83	0
Level 3	B-C	4.0" Precompressed to 3.75"	3.75"	Yes	3.75"	Required Modifications appear to be Completed	0.42	5
Level 3	C-D	4.0" Precompressed to 3.5"	3.5625"	Yes	3.5"	Cut completed but did not need to be cut if new joints are being procured.	0.42	0
Level 2	A-B	4.0" Precompressed to 3.75"	3.875"	Yes	3.875"-4.125"	Required Modifications appear to be Completed	5.92	0
Level 2	B-C	4.0" Precompressed to 3.5"	3.625"	Yes	3.625"	Cut completed but did not need to be cut if new joints are being procured.	7.50	0
Level 2	C-D	3.25" NOT Compressed	3.25"	Yes	3.5"-3.625"	Cut completed but did not need to be cut if new joints are being procured.	1.17	5
Level 1	A-B	4.0" Precompressed to 3.75"	3.625"	Yes	3.625"	Required Modifications appear to be Completed	4.17	0
Level 1	B-C	-	-				-	-
Level 1	C-D	3.25" Precompressed to 3"	3"	Yes	3"	Cut completed but did not need to be cut if new joints are being procured.	0.83	15

South Garage			As of 12/06/2021						
Level	Gridlines	Required Joint Type	Required Modified Joint Width	Modification Complete?	Joint Width After Saw Cut	WPM Notes	Elastomeric Concrete Repair Quantity* (SF)	Epoxy Repair Quantity** (LF)	
Roof	A-B	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Does not need to be cut.	10.00	0	
Roof	B-C	3.25" NOT Compressed	3.75"	Yes	Not provided	Does not need to be cut.	8.33	0	
Roof	C-D	3.5" Not Compressed	3.75"	Yes	Not provided	Modifications Required both sides	10.00	0	
Level 4	A-B	4.0" Precompressed to 3.5"	3.75"	Yes	Not provided	Modifications Required both sides	9.17	0	
Level 4	B-C	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required remove taper up on one side only	5.42	15	
Level 4	C-D	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required both sides	10.00	0	
Level 3	A-B	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required remove taper up on one side only	9.58	0	
Level 3	B-C	3.25" Precompressed to 3"	3.125"	Yes	Not provided	Does not need to be cut.	10.00	0	
Level 3	C-D	4.0" Precompressed to 3.75"	3.75"	Yes	Not provided	Modifications Required both sides	10.00	0	
Level 2	A-B	4.0" Precompressed to 3.75"	3.875"	Yes	3.75"	Modifications Required both sides	7.50	15	
Level 2	B-C	4.0" Precompressed to 3.75"	3.625"	Yes	3.75 to 4"	Cut completed but did not need to be cut if new joints are being procured.	5.83	15	
Level 2	C-D	3.5" Not Compressed	3.25"	Yes	3.5"	Required Modifications appear to be Completed	7.50	0	
Level 1	A-B	3.5" Not Compressed	3.5"	Yes	3.5"	Cut completed but did not need to be cut if new joints are being procured.	5.42	0	
Level 1	B-C	-	-				-	-	
Level 1	C-D	3.25" NOT Compressed	3.25"	Yes	3.25"	Cut completed but did not need to be cut if new joints are being procured.	10.00	0	

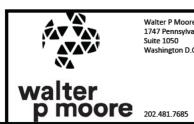
Middle (B) Garage			As of 12/06/2021						
Level	Gridlines	Required Joint Type	Required Modified Joint Width	Modification Complete?	Joint Width After Saw Cut	WPM Notes	Elastomeric Concrete Repair Quantity* (SF)	Epoxy Repair Quantity** (LF)	
Level 1	C-E 25/26	3.25" NOT Compressed	3.25"	Yes	Not provided	Does not need to be cut.	0.83	0	
Level 1	C-E 38/39	3.25" NOT Compressed	3.25"	Yes	3.25" to 3.5"	Cut completed but did not need to be cut if new joints are being procured.	0.25	0	
Level 1	C-D 52/53	3.25" Precompressed	3"	Yes	3.0"	Cut completed but did not need to be cut if new joints are being procured.	0.00	5	

A 3.25" Joint Precompressed to 3"
B 3.25" Joint Not Compressed
C 3.5" Joint Not Compressed
D 4.0" Joint Precompressed to 3.5"

4.0" Joint Precompressed to 3.75"

*assume elast. conc. repairs at 0.75" deep

**assume epoxy repairs are typically 1/8"x3/4"



Walter P Moore and Associates, Inc.
1747 Pennsylvania Avenue NW
Suite 1050
Washington D.C. 20006
Project Name:
4600 Silve

1 '	
4600 Silver Hills Road Park	king Garage
Expansion Joint Re	pairs

Date: 12/10/2021 Sheet:

Content: Report Exhibit

Eng: NJ/MH Drafter: N/A

Client: CINNOVAS Proj. No. D01.20007.00

EX1



Field Observation Report

FIELD OBSERVATION REPORT #:

OBSERVATION DATE/TIME: January 24, 2022 10:00 AM

REPORT DATE: January 25, 2022

PROJECT: 4600 Silver Hill Rd Parking Garage

WALTER P MOORE PROJECT NO. D01.20007.00

WEATHER: Sunny / Temperature 35°F

PRESENT AT SITE: Nouha Javed Walter P Moore (WPM)

(6) Terra Site

DISTRIBUTION LIST: Nouha Javed WPM

Chris Pinto WPM
Matt Heringer WPM

(b) (6) Terra Site
Terra Site

Andre Thomas GSA

Cinnovas

Davidson Brown

On the date indicated a representative of Walter P Moore visited the referenced site to observe progress of work.

Progress of Work

- Joint header and concrete patch repairs have been completed by Terra Site as specified.
- Expansion joint block-outs in the north, south and middle garage had been modified by Terra Site as specified.

Observations/Comments

O4-1. Elastomeric concrete header repairs were typically observed at all levels of the north, south and middle garages (Photo O4-1 through Photo O4-4). The completed repairs were typically sound and flush with the existing header material and block-out.

Action: None.

04-2. Isolated locations of partial-depth concrete slab repair were observed at Levels 1 and 2 of the north garage (Photo 04-5). The repairs were observed to be sound, flush with the existing slab surface and to have squared edges.

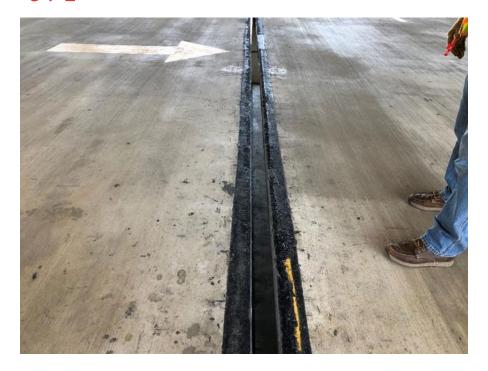
Action: None.

04-3. Weather-proofing was observed at the Level 4 ramp of the north garage and the Level 4 ramp of the south garage, to prevent water ingress through the roof level expansion joint block-outs (Photo 04-6). The weather-proofing typically consisted of adhesive membrane strips and plastic sheeting.

Action: None.



04–1 Typical completed elastomeric concrete header repairs at the roof level of the south garage



04-2 Typical completed elastomeric concrete header repairs at the Level 4 of the south garage

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Typical completed elastomeric concrete header repairs at the roof level of the north 04-3 garage



Typical completed elastomeric concrete header repairs at the Level 1 of the middle 04-4 garage



O4–5 Typical completed concrete patch repair at Level 2 of the north garage



O4–6 Typical weather proofing installed at the Level 4 ramp of the south garage

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